EAP and Integration

February 27, 2004

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Architectures

The need to support the Warfighter with integrated E2E procurement solutions

Drivers…

Federal Compliance

- The Clinger-Cohen Act (CCA), Executive Order 13011 of 17 July 1996
- Office of Management and Budget's Circular A-130, *Management of Federal Information Resources* (OMB Circular A-130)

DoD & Service Branch Directives, Policies and Instructions

- DoD Directive 5000.1, *The Defense Acquisition System*, 12 May 2003 and DoD Instruction (DoDI) 5000.2, *Operation of the Defense Acquisition System*, 12 May 2003
- CJCSI 6212.01B, *Interoperability and Supportability of NSS/IT*, 8 May 2000
- Numerous others

Architecture documents are now required with all funding requests

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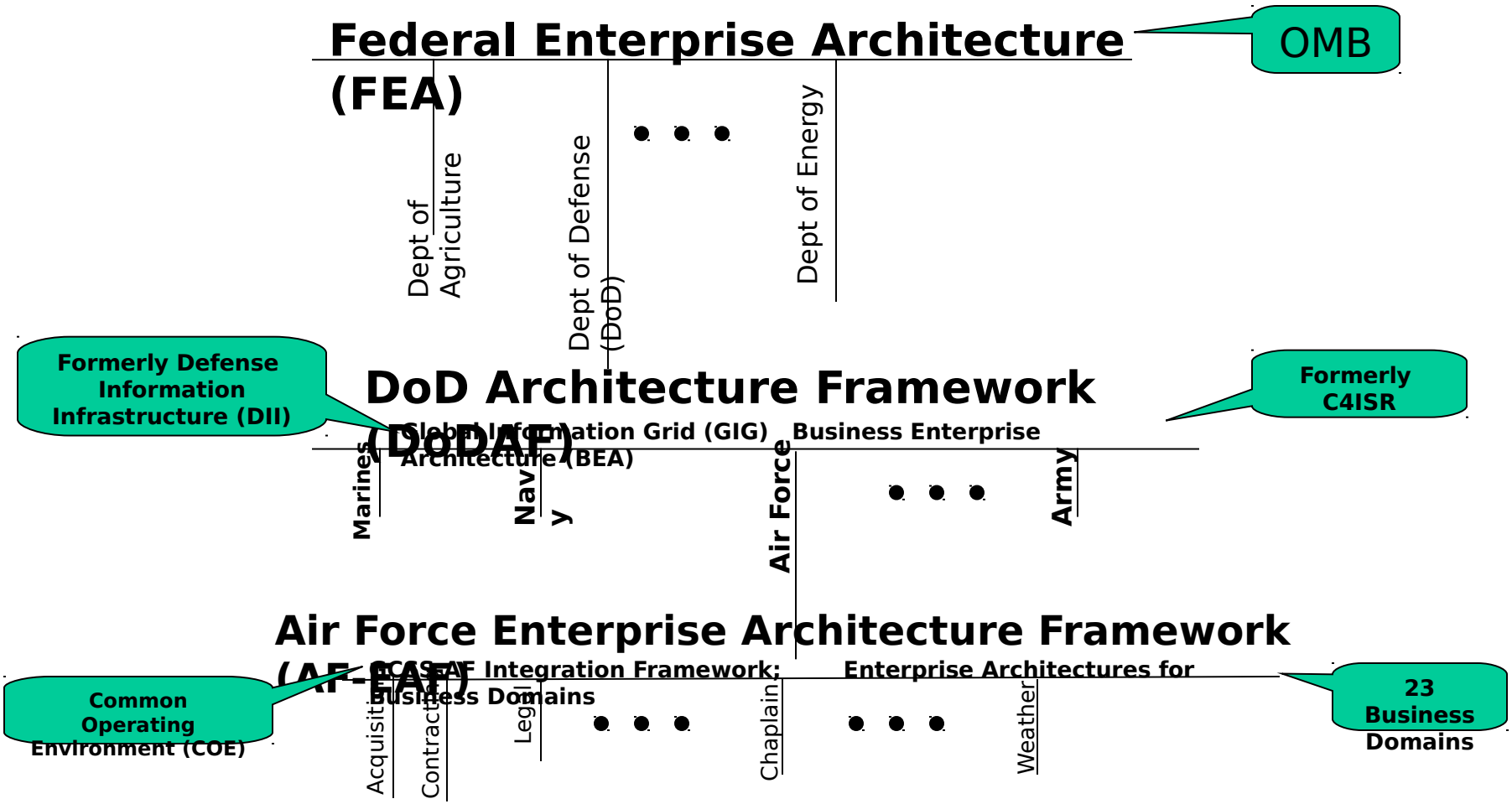
Architectures



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The EAP Required Effective Sponsorship

- Jointly sponsored by SAF/AQC and AF CIO
  - Deputy Assistant Secretary (DAS) of the Air Force (Contracting)
  - Air Force Chief Information Officer
- Participation from major commands, SAF/AQ, CIO's office, the Standard Systems Group, procurement subject matter experts and IT specialists
- Employs facilitated modeling workshops
  - Sponsors, subject matter experts and specialists provide procurement expertise and decision-making
  - Outside consultants as facilitators and workshop analysts
  - Deliverables created and managed with Proforma's ProVision integrated modeling tools and repository
- Iterative modeling workshops
  - Operational Views
  - Systems Views (plus confirmation of Technical Views)

To-Be Vision Workflow: "Generate Commodity Procurement Rules"

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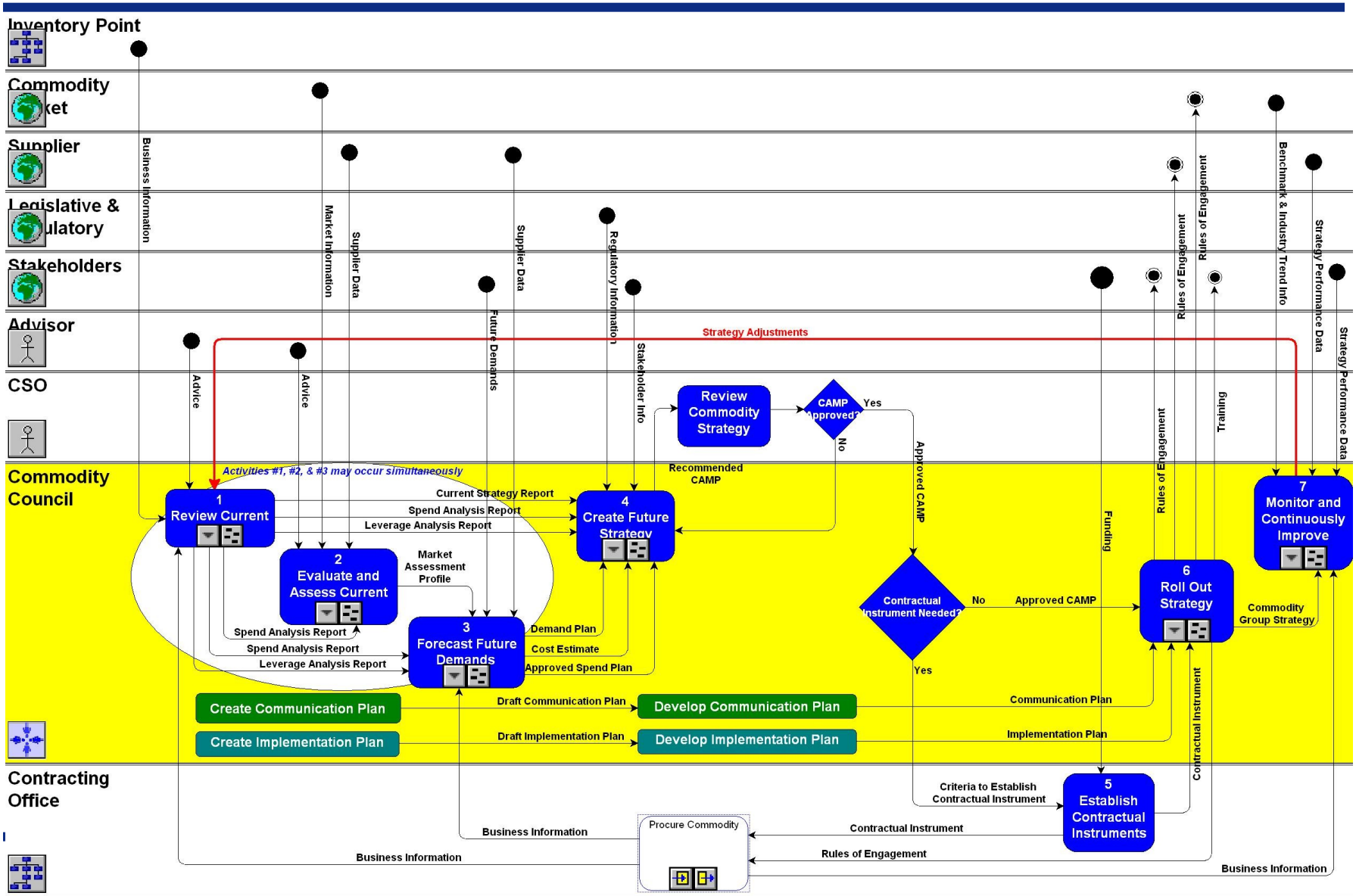

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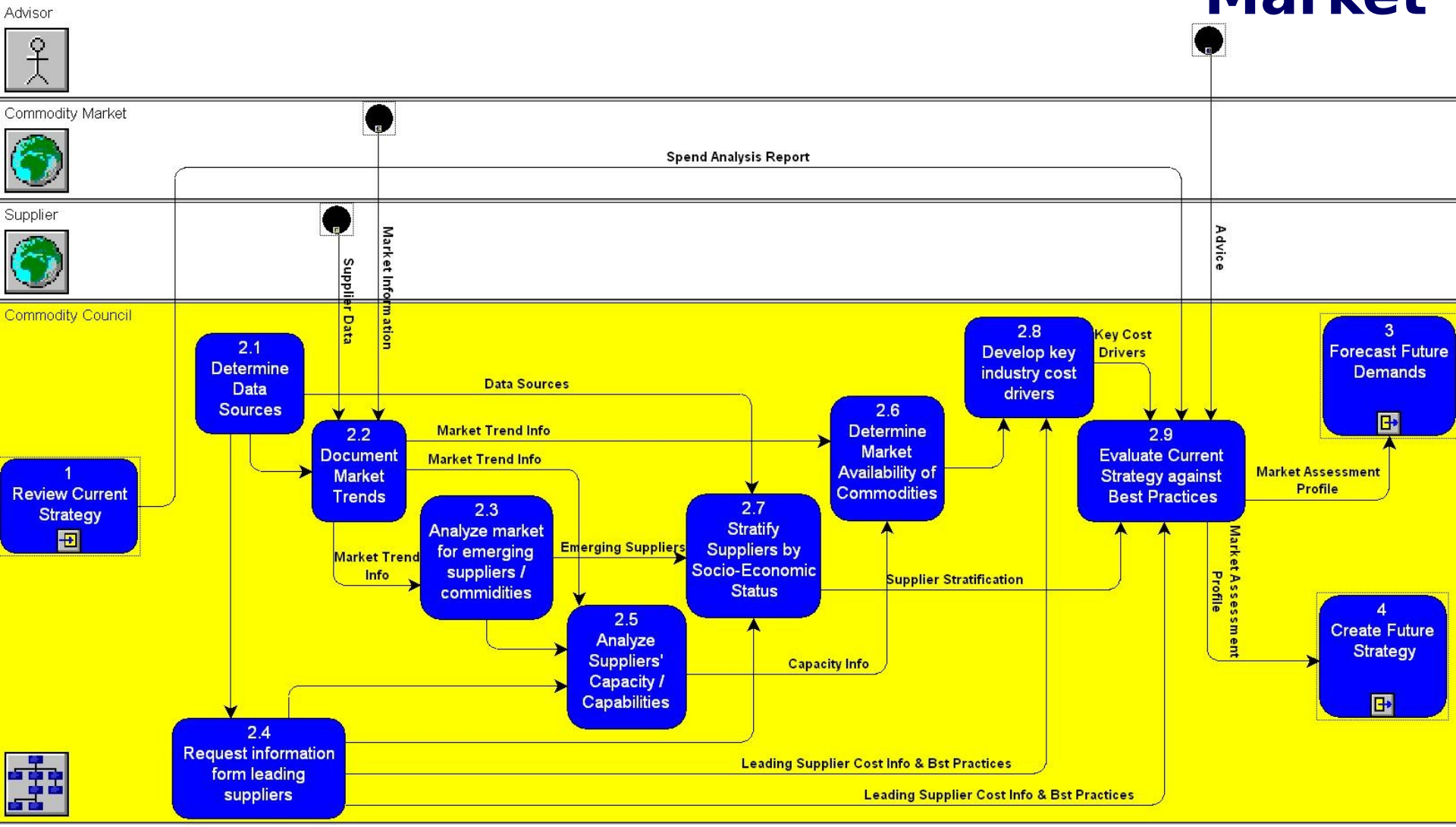
To-Be Vision Workflow: Evaluate and Assess Current Market



"To Be" Vision Workflow: "Procure Commodity According to the Commodity Council Rules"

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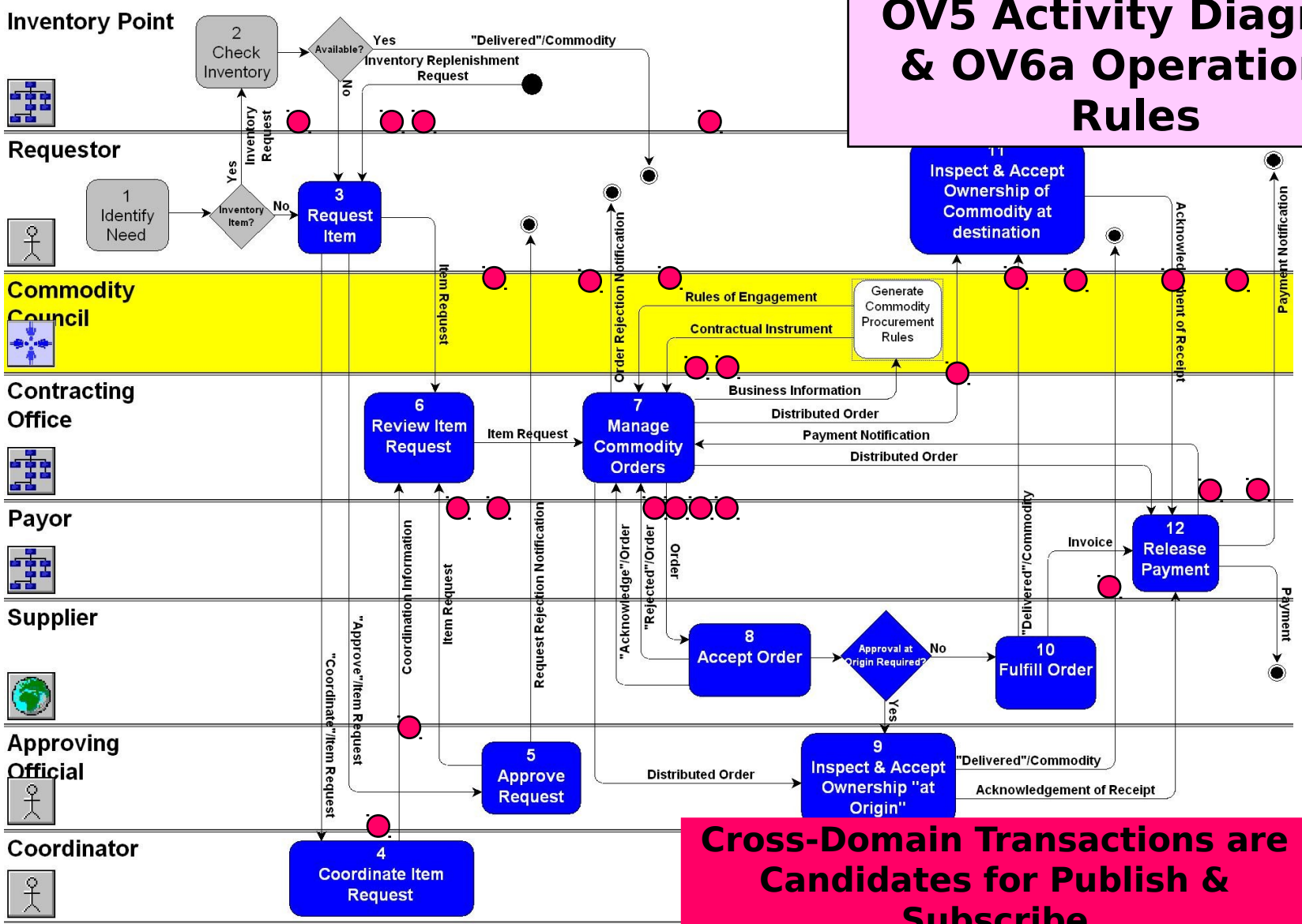
OV5 Activity Diagram & OV6a Operational Rules



Cross-Domain Transactions are Candidates for Publish & Subscribe

What's Different?: The Commodity Council Process

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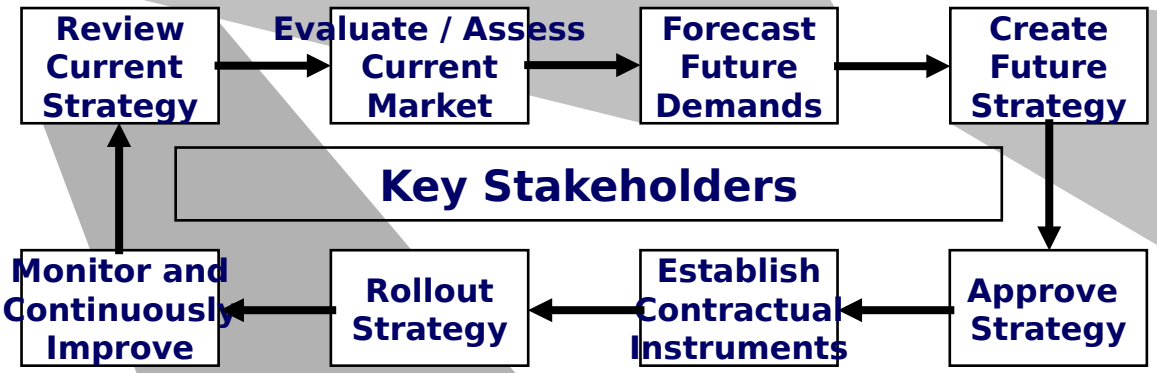
Deliverables

- **Demand Plan**
- **Cost Estimate**
- **Approved Spend Plan**

- Advance forecasting to get in FRONT of AF-wide requirements



Deliverables

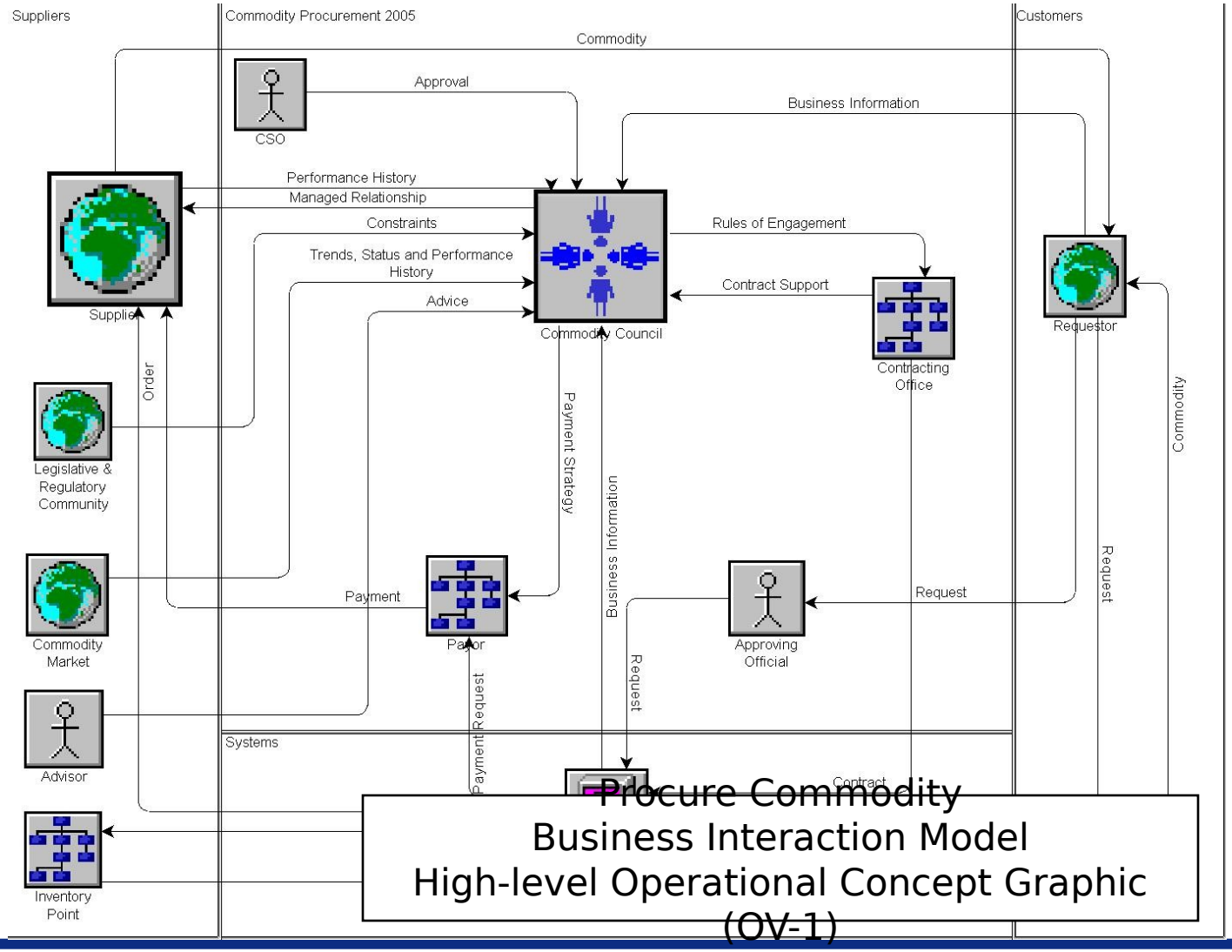
- **Commodity Acquisition Management Plan**

- AF-wide commodity strategy

Small Business Strategy

- **Review Current SB Participation**
- **Address SB at each stage**

Operational View: The Business Interaction Model



Procure Commodity
Business Interaction Model
High-level Operational Concept Graphic
(OV-1)

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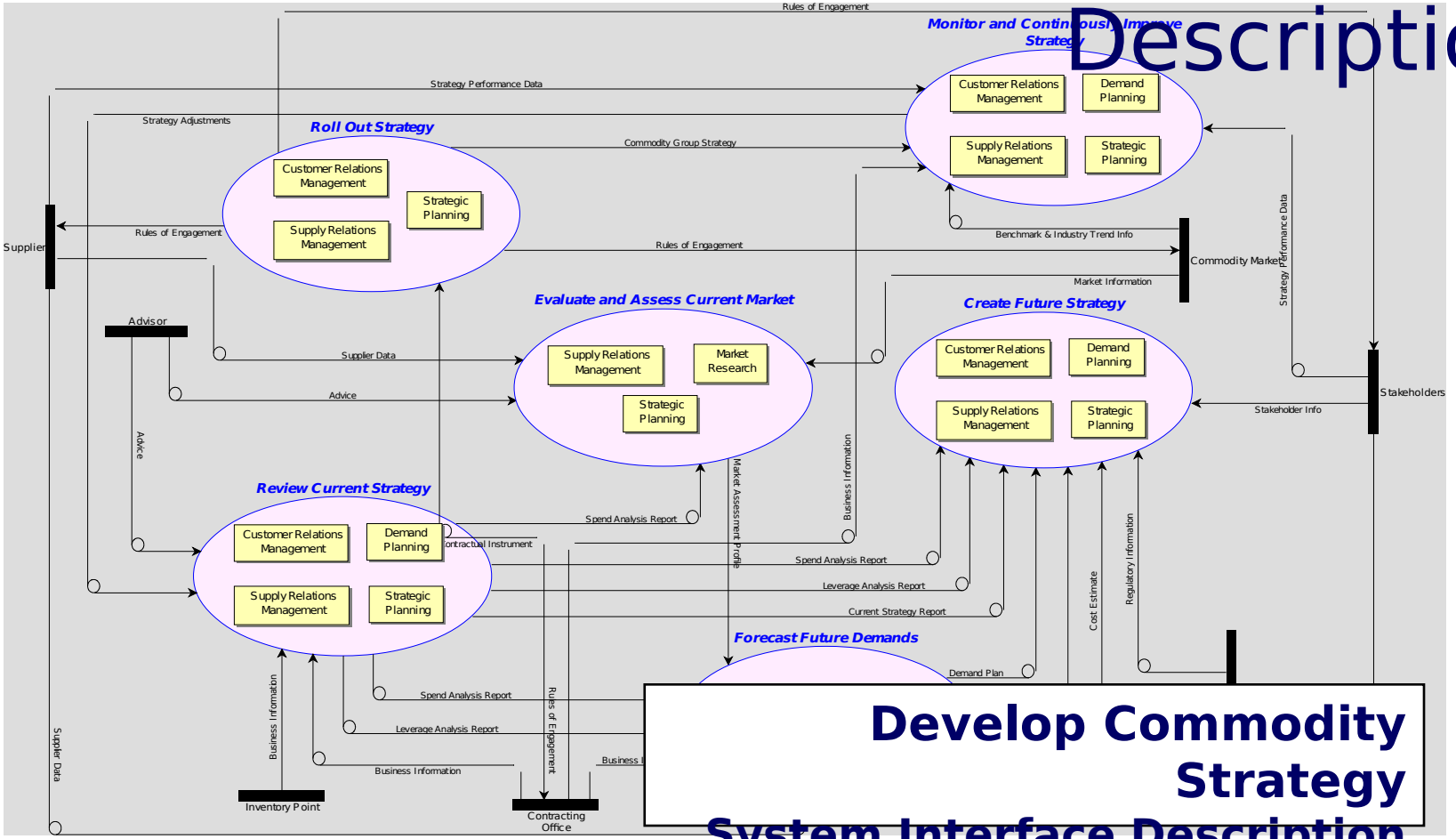
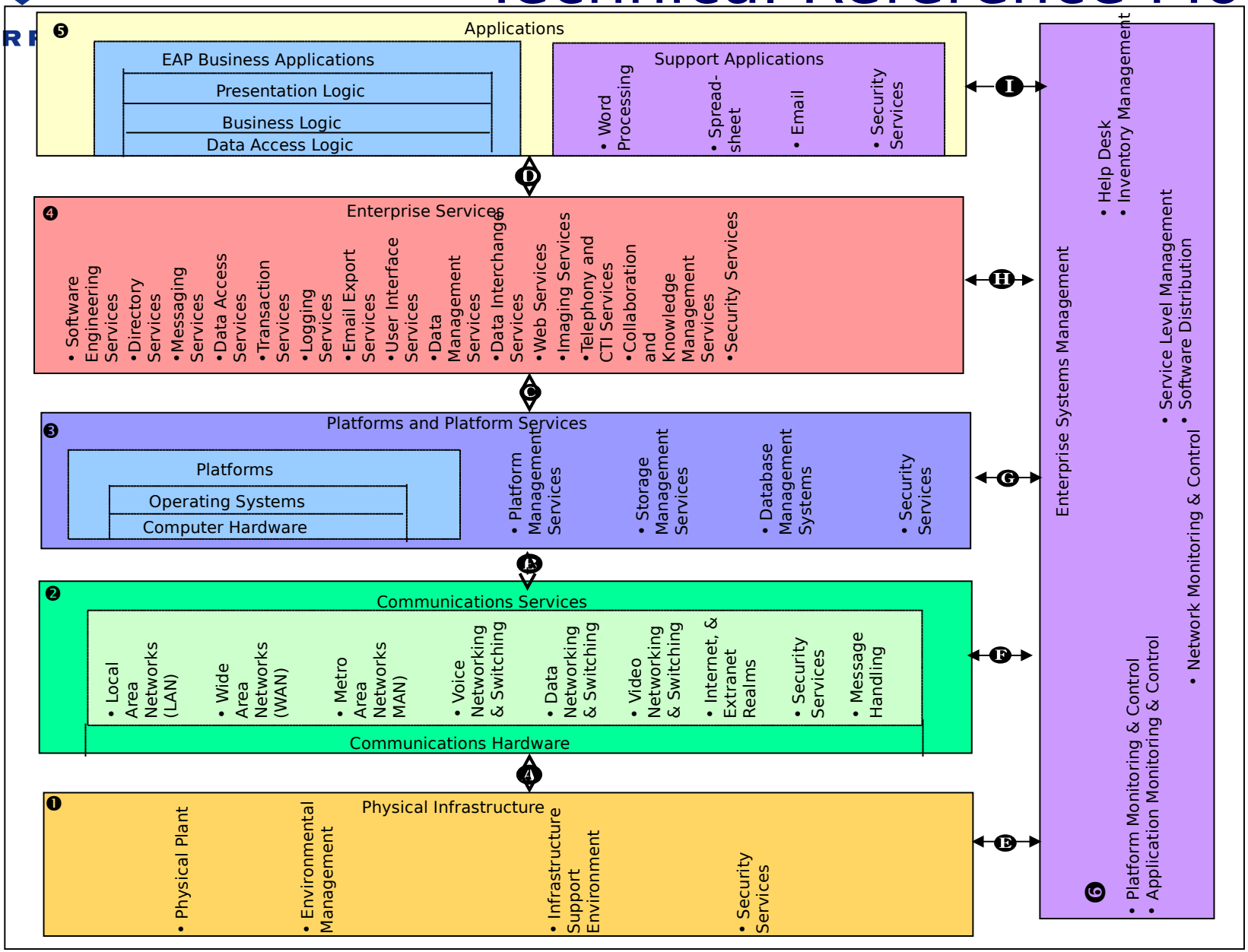
Systems View: The System Interface Description



Develop Commodity Strategy

System Interface Description (SV-1)

Technical View: The EAP Technical Reference Mode



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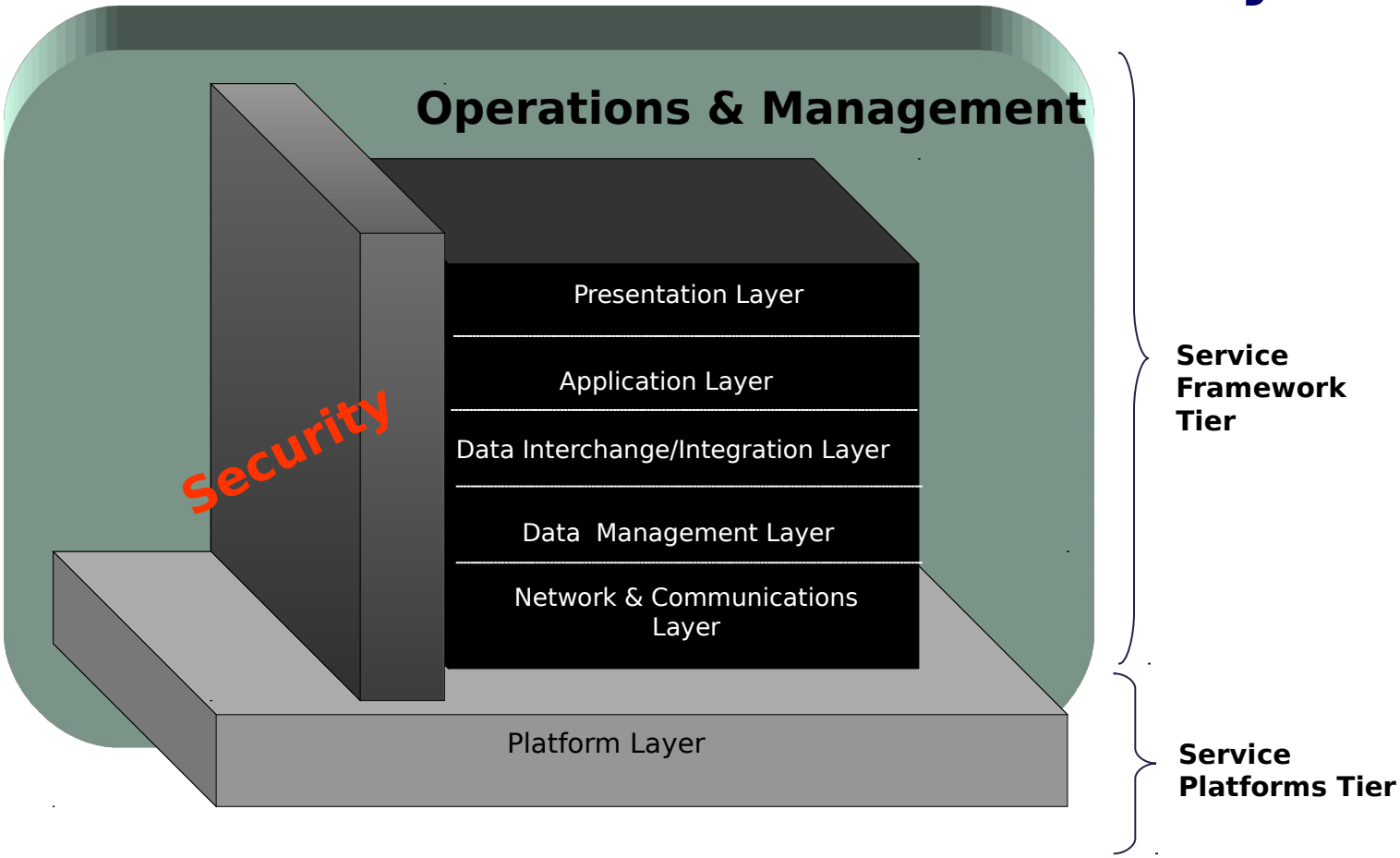
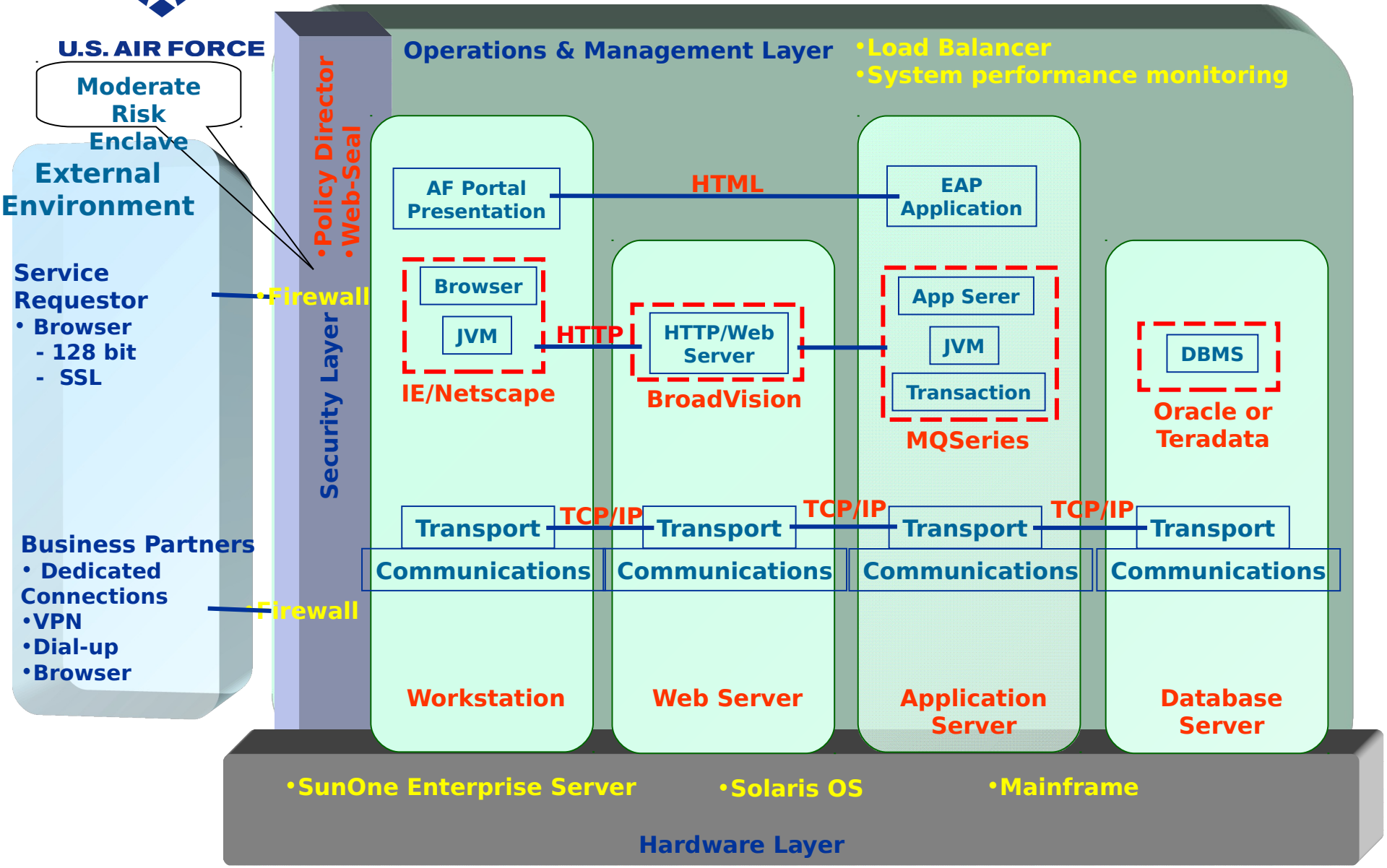
Notional EAP TRM Tiers and Layers



Notional EAP TRM - Commodity Council



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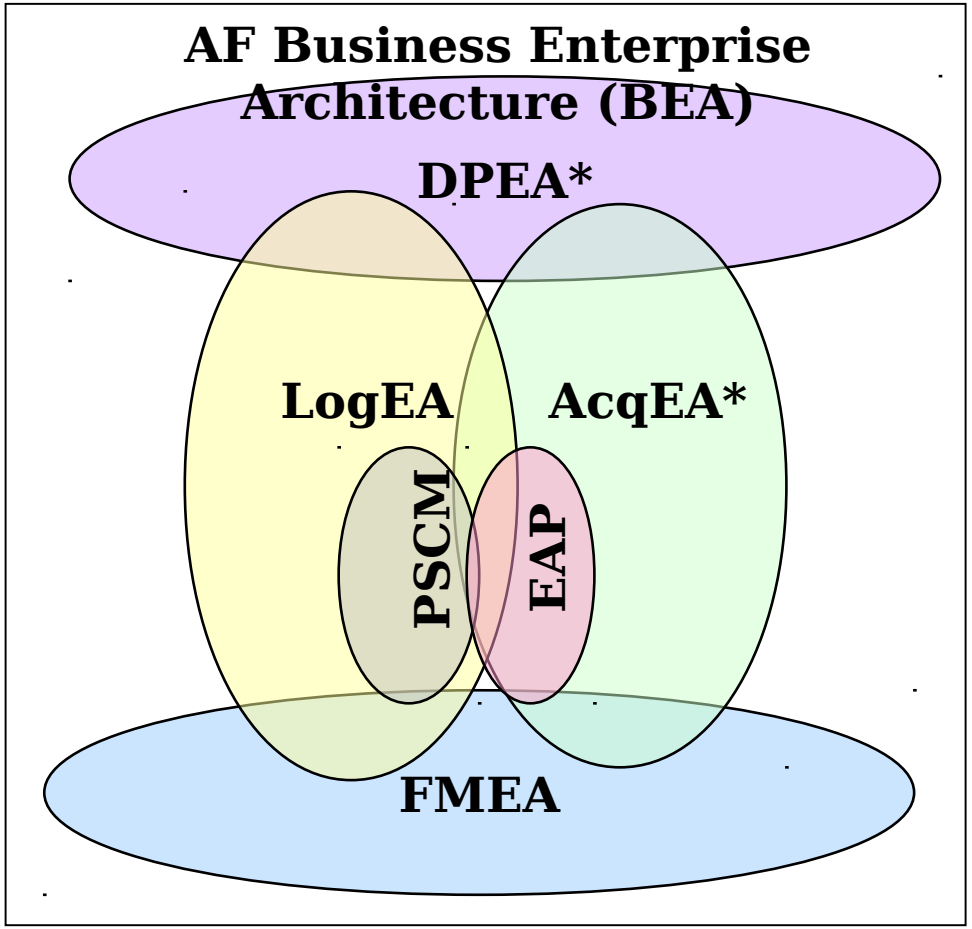
Notational AF Enterprise Architecture Integration



Integration Points:

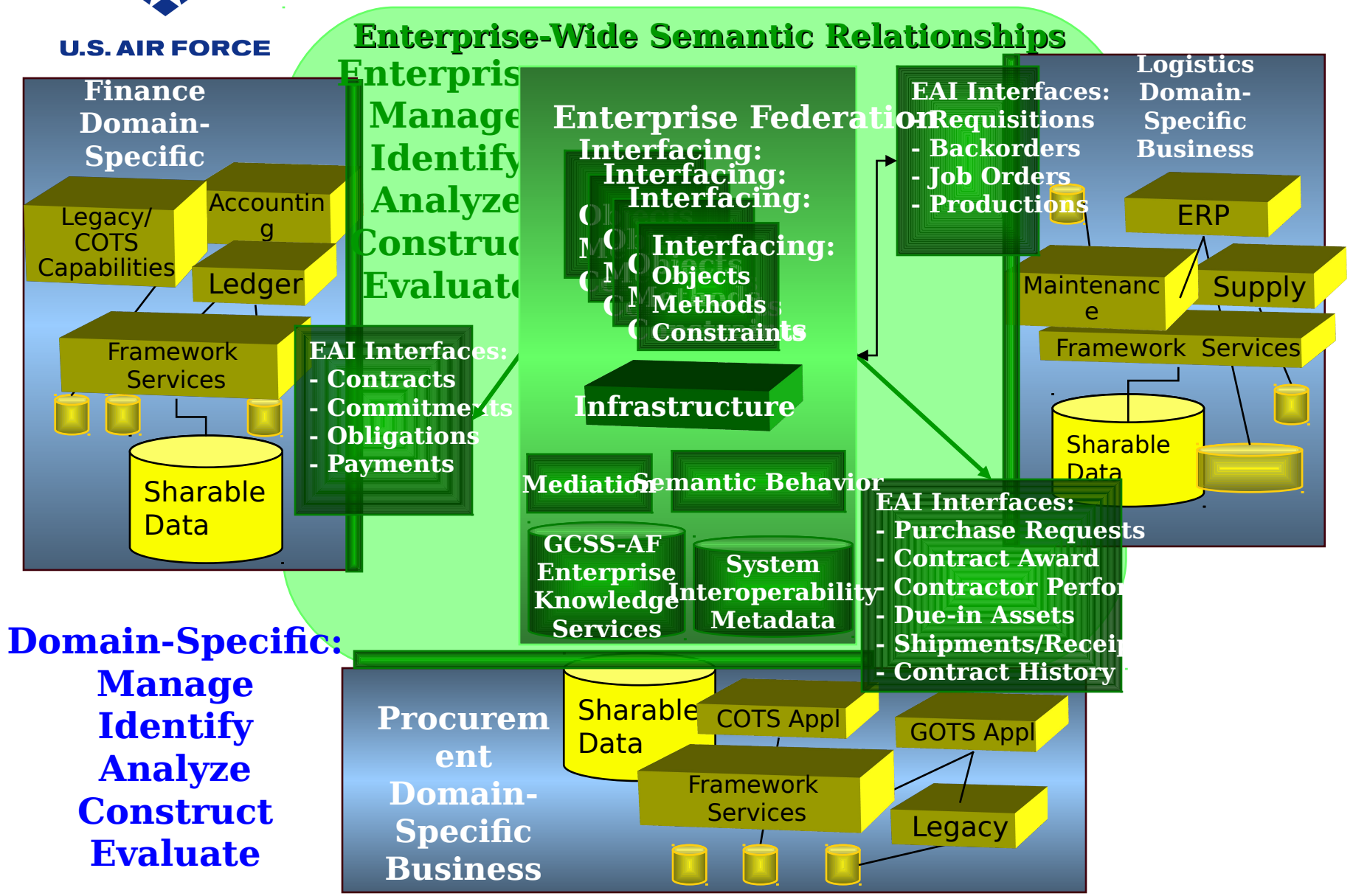
- **EAP and PSCM share the the Develop Commodity Strategy and Procure Commodity processes (e.g. commodity council process, RACI and PD's)**

Under Discussion:

- **Developing a common TRM for DPEA, LogEA, AcqEA, FMEA**

* Notional Title

Enterprise Integration Components



Back-Up

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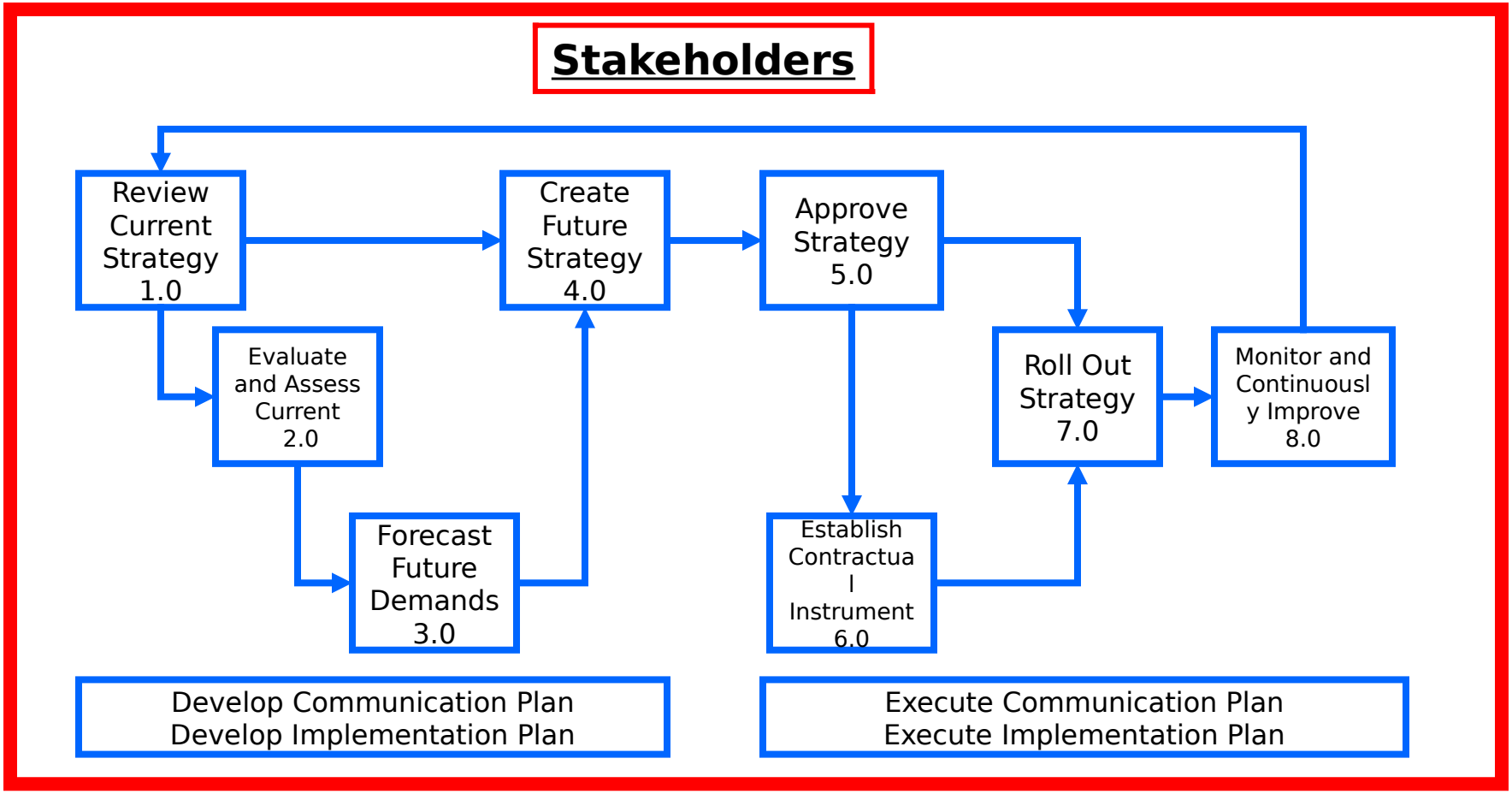
The Commodity Council Process Overview



Each Commodity Council will have adequate cross-functional representation and will utilize a standardized process